



Electronic Filing System (EFS) Data  
Electronic Patent Application Submission  
USPTO Use Only

EFS ID: 57481

Application ID: 10698180



Title of Invention:

OPTIMAL SPREADER SYSTEM,  
DEVICE AND METHOD FOR FLUID  
COOLED MICRO-SCALED HEAT  
EXCHANGE

First Named Inventor: Girish Upadhyia

Domestic/Foreign Application: Domestic Application

Filing Date: 2003-10-30

Effective Receipt Date: 2004-03-19

Submission Type: Information Disclosure  
Statement

Filing Type:

Confirmation number: 9903

Attorney Docket Number: NONE

Total Fees Authorized:


Digital Certificate Holder: cn=Thomas B. Haverstock,ou=Registered Attorneys,ou=Patent and  
Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US  
Certificate Message Digest: 6ee02b64da07aeb0dfd18ed495d96196b345f8a0

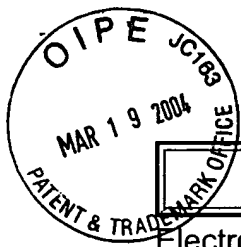


# TRANSMITTAL

Electronic Version v1.1

Stylesheet Version v1.1.0

<b>Title of Invention</b>	<b>OPTIMAL SPREADER SYSTEM, DEVICE AND METHOD FOR FLUID COOLED MICRO-SCALED HEAT EXCHANGE</b>									
<p>Application Number: 10/698180 </p> <p>Date: 2003-10-30</p> <p>First Named Applicant: Girish Upadhyia</p> <p>Confirmation Number: 9903</p> <p>Attorney Docket Number:</p>										
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<table border="1"><thead><tr><th>Submitted by:</th><th>Elec. Sign.</th><th>Sign. Capacity</th></tr></thead><tbody><tr><td>Thomas B. Haverstock Registered Number: 32571</td><td>/tbh/</td><td>Attorney</td></tr></tbody></table>			Submitted by:	Elec. Sign.	Sign. Capacity	Thomas B. Haverstock Registered Number: 32571	/tbh/	Attorney		
Submitted by:	Elec. Sign.	Sign. Capacity								
Thomas B. Haverstock Registered Number: 32571	/tbh/	Attorney								
<table><tr><td>Documents being submitted</td><td>Files</td></tr><tr><td>us-ids</td><td>COOL00800C-usidst.xml</td></tr><tr><td></td><td>us-ids.dtd</td></tr><tr><td></td><td>us-ids.xsl</td></tr></table>			Documents being submitted	Files	us-ids	COOL00800C-usidst.xml		us-ids.dtd		us-ids.xsl
Documents being submitted	Files									
us-ids	COOL00800C-usidst.xml									
	us-ids.dtd									
	us-ids.xsl									
<b>Comments</b>										



## ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of  
Invention

OPTIMAL SPREADER SYSTEM, DEVICE AND METHOD  
FOR FLUID COOLED MICRO-SCALED HEAT EXCHANGE

Application Number: 10/698180  
Confirmation Number: 9903  
First Named Applicant: Girish Upadhya  
Attorney Docket Number:



Search string: ( 6129145 or 6131650 or 6146103 or 6154363  
or 6159353 or 6171067 or 6174675 or 6176962  
or 6186660 or 6210986 or 6216343 or 6221226  
or 6227809 or 6234240 or 6238538 or 6277257  
or 6287440 or 6301109 or 6313992 or 6317326  
or 6321791 or 6322753 or 6324058 or 6351384  
or 6337794 or 6388317 or 6400012 or 6406605  
or 6415860 or 6416642 or 6417060 or 6424531  
or 6443222 or 6444461 or 6457515 or 6495015  
or 6537437 or 6543521 or 6553253 or 6572749  
or 6588498 or 6591625 or 6632655 or  
20010016985 or 20010024820 or 20010044155  
or 20010045270 or 20010046703 or  
20010055714 or 20020011330 ).pn.

### US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
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	2	6131650	2000-10-17	North et al.			
	3	6146103	2000-11-14	Lee et al.			
	4	6154363	2000-11-28	Chang			
	5	6159353	2000-12-12	West et al.			
	6	6171067	2001-01-09	Parce	B1		
	7	6174675	2001-01-16	Chow et al.	B1		
	8	6176962	2001-01-23	Soane et al.	B1		
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	10	6210986	2001-04-03	Arnold et al.	B1		

	11	6216343	2001-04-17	Leland et al.	B1
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	42	6591625	2003-07-15	Simon	B1
	43	6632655	2003-10-14	Mehta et al.	B1

## US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
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	2	20010024820	2001-09-27	Mastromatteo et al.	A1		
	3	20010044155	2001-11-22	Paul et al.	A1		
	4	20010045270	2001-11-29	Bhatti	A1		
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	6	20010055714	2001-12-27	Cettour-Rose et al.	A1		
	7	20020011330	2002-01-31	Insley et al.	A1		

Signature

Examiner Name	Date